

# TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

## REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124      TASK NO. <b>337</b> AMENDMENT	566-259-20-23-89	2000

TASK TITLE: (NTE 80 characters; include Project name)

VCL/MBLA Ground System Analysis and Development

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Wes Powell	DATE 8-16-00	ORG CODE 566	MAIL CODE 566	PHONE 301-286-1423
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James Stephens	DATE 8-16-00	CODE 566	PHONE 301-286-8380
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) for Robert S. Lehair, Jr.	DATE 8/17/00	CODE 560	PHONE 301-286-6588
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?  
(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

[ ] NO [X] YES

CONTRACTING OFFICER'S QUALITY REP.

see for L. Moore  
Larry Moore

DESIGNATED FAM:

Ron Kolecki

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: AUG 18 2000

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [ ] NO [ ] YES [X] N/A

Government Furnished Property/Facilities: [X] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [ ] NO [X] YES If yes: [ ] TOTAL [X] PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: [X] NO [ ] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 8/18/00.

### INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	X No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 173,388

The target fee of this task order is \$ 11,157

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 184,545

The maximum fee is \$ 16,306

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Elizabeth J. Austin*  
SIGNATURE OF CONTRACTING OFFICER

10/17/00  
DATE

ELIZABETH J. AUSTIN  
CONTRACTING OFFICER  
TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5-	TASK NO.	AMENDMENT
	99124	337	

Applicable paragraphs from contract Statement of Work:

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

The contractor shall, as the BCE Lead, gather available documentation and requirements information from various personnel associated with the MBLA Instrument. The contractor shall assess the BCE/ground system design, define the requirements, identify the ongoing hardware/software efforts, and determine if changes/fixes are required. Upon the determination of the approach to complete the BCE development, the contractor shall actively participate in the detailed design, fabrication, and certification while maintaining an oversight role.

The following specific activities shall be performed:

- 1) Document the MBLA BCE requirements.
- 2) Review the current MBLA BCE design to determine if it will meet technical/programmatic requirements.
- 3) If modifications to the BCE design are required, develop a revised design that will meet the needs of the VCL program. This approach should use GSFC heritage wherever possible.
- 4) Identify, design, fabricate, and test additional test cables for MBLA instrument I&T.
- 5) Support the design, fabrication, and unit for select BCE hardware boxes.
- \* 6) Provide technical oversight of the entire BCE development effort.

**PERFORMANCE SPECIFICATIONS:**

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Word format via either diskette or email.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

**APPLICABLE DOCUMENTS:**

1. GFE schematics, netlists, and parts specification lists.
2. Applicable NASA Workmanship Standards series, NASA-STD- 8739 and NAS5300.4.
3. GSFC Quality Manual, GPG 8730.3

**TASK END DATE:** 12/31/00**MILESTONES/DELIVERABLES AND DATES:**

- |   |                           |
|---|---------------------------|
| 1. Release MBLA BCE Requirements Document                           | <del>9/1/00</del> 9/5/00  |
| 2. Define changes needed to BCE design                              | 9/15/00                   |
| 3. Support BCE delivery to support Data Electronics Build 1 testing | 10/15/00                  |
| 4. Support BCE upgrade to support MBLA Instrument I&T               | 12/15/00                  |
| 5. Provide Monthly Status Reports on BCE development                | by the 15th of each month |

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery of memos, recommendations, and documents  
**Technical:** Meets requirements as determined by the TM.

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Wes Powell, Code 566, Building 23, Room E439